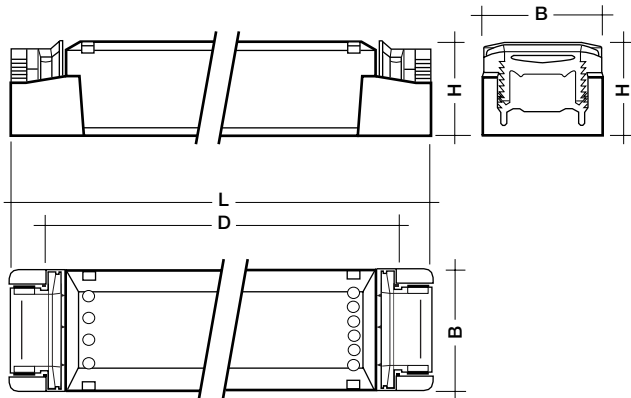




TE-0105 U 1–10V sc 105 VA 230–240/12V 0/50/60 Hz



- dimming range 1–100 %
- control with a 1–10V signal
- lamp wattage 20–105 VA
- short-circuit switch-off with automatic restart
- protection against overheating and overload through regulation of output power with automatic reset
- protection class 2
- protection rating IP 20

- for remote mounting, with integrated strain relief and terminal cover
- tool free assembly of strain relief and terminal cover
- 6 pole terminal block on secondary side
- captive screw terminals
- individually packed with installation instructions
- DC operation possible, for use in emergency installations according to VDE 0108

Packaging:
box of 20
40 boxes/pallet
800 pieces/pallet

designed according to:
EN 55015
EN 61000-3-2
EN 61047
EN 61347-2-2
EN 61547

Type		TE-0105 U 1–10V sc 230–240/12V 105 VA
article number		86457964
primary voltage	V AC	230–240
primary voltage	V DC	230–240
input current at 230 V/50 Hz ①	A	0.45
frequency	Hz	0/50/60
secondary voltage ①	V	11.9
lamp wattage	VA	20–105
power reduction at DC	%	70
efficiency	%	> 94
power factor	λ	> 0.90
frequency of output	kHz	32
ambient temperature t_a	°C	-25 to +55
rated max. temperature t_c	°C	+90
softstart		yes
dimming		1–10 VDC or potentiometer 100 kΩ log.
dimensions L x W x H	mm	167 x 42 x 31
fixing centres D	mm	143–148
weight	kg	0.18
secondary terminal		6 pole

① valid at 100 % dimming level

Dimming:

Dimming range 1% to 100%

Analogue control by:

- 1–10V DC
- Potentiometer 100 kΩ log.

Control input (1–10V):

The TE-0105 U can be controlled either by an analogue 1–10V DC signal or potentiometer 100 kΩ.

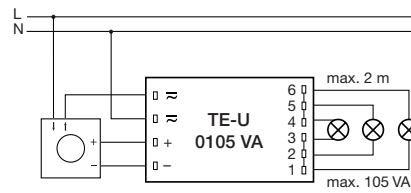
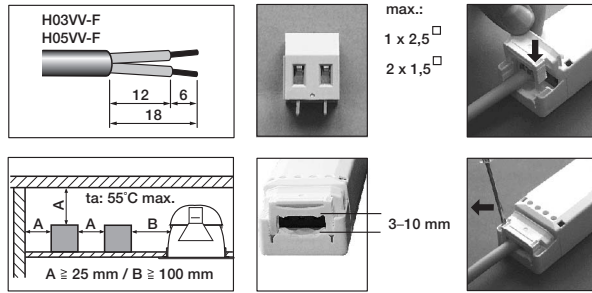
A dimming characteristic adapted to the eye sensitivity can be achieved by using a logarithmic potentiometer.

Light output level in DC operation:

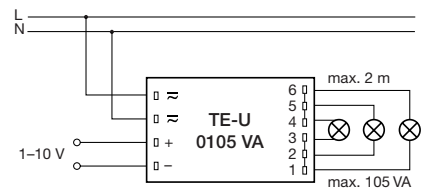
The light level in DC operation is set to 70%.

In DC operation dimming is not possible.

Installation instructions:



control by electronic potentiometer



control by external 1–10 V signal

Loading of automatic circuit breakers (B, C, K):

Automatic circuit

breaker type	10A	13A	16A	20A
Installation Ø	1.5 mm ²	1.5 mm ²	1.5 mm ²	2.5 mm ²
TE-0105 U 1–10V sc	20	26	32	40